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MODERN PLASTICS

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Flashlight battery case	August	41

FOREIGN DEVELOPMENTS AND PATENTS

Foreign plastics patents	October	136
Foreign plastics patents	March	74
Foreign plastics patents	May	86
"A letter from London"	October	114
"Plastics in Ecuador"	October	150
"Our London mail box"	November	82
"London mail box"	February	76
"London letter"	May	108
"London letter"	June	102
"London letter"	July	98
"London mail box"	August	72

FURNITURE

Armrests for theatre seats	September	48
Furniture rests	September	49
Chairs, couch, etc., in Make-up salon	October	45
Woven plastic furniture	October	57
Transparent occasional table	October	58
Period piece	October	59
"Seats of tomorrow—today!"	November	36
Piano supports	November	52
Transparent bassinet	February	44
"Invading interiors"—tables, lamps, beds, etc.	March	49
"Nursery suite"	April	33
"Pastel veneers"	April	42
Arm rests for theatre seats	June	58
"Miniature models plan a room"	July	49
Chairarms on Electroliner trains	July	51
Furniture casters	July	61

G

GAGES

Infantometer	September	48
Reed micrometers	September	80
Explosimeter	September	80
Photoswitch electronic timer	October	144
Aircraft oxygen flowmeter	November	53
Tel-a-cook roaster	December	42
Electronic level control	January	76
SR-4 bonded metalectric strain gage	February	45
Dial-type indicating thermometer	March	78
"Plastic models"—thermometer	April	27
Auto speed control	April	37
Thermo-regulator	April	72
Attachment for speeds on drill presses	April	72
Coil type thermometer	May	62
Automatic temperature regulation	July	80
Adjustable speed drive	July	80
Photoelectric inspection and registration control	August	76

GAMES

	Month	Page
Shuffleboard disks	September	47
Gallant Knight chessmen	October	78
Shuffleboard disks and cues	October	109
Plastic football helmet	October	109
Border-tone game tiles	December	43
Football cleat—stock mold	December	51
Washable playing cards	January	50
Racquet strings	March	41
Kelly pool buttons	April	49
Baseball cap, plastic lined	May	64
Golf club heads	August	53

GLASS

Spun glass cord for shoes, belts, etc	October	110
"Evolution of safety glass"	June	31
"Fiberglas—plastic combinations"	July	69

H

HANDLES

Broom handles	October	61
Tri-tone cutlery handles	January	50
Lever handle—stock mold	January	52
Gun stock	February	45
Transparent shaving brush handle	February	46
Stock mold handles	February	52
Gun stock	March	35
Screw driver grip	May	56
Electric iron handle	May	57
Stock mold	May	68
Pan-handled broom	June	41
Stock mold	June	62
Handles for cooking appliances	August	40
Electric iron handle	August	51

HATS

Hat with decorative trimming	September	40
Football helmet	October	109
"Taking it head on!"—football helmet	November	42
"It's in style"	January	36
Protective helmet for firemen	January	49
Baseball cap	May	64

HISTORY OF PLASTICS

History of plastics and their uses. Part III	September	64

HOUSEHOLD DECORATIONS AND APPLIANCES

Washing machine agitator	September	46
Kitchen ventilating unit	September	48
Furniture rests	September	49
Woven plastic furniture	October	57
Bathroom scale	October	60
Pastel broom	October	61
Shower head	October	62
Candle holder	October	103
Washing machine agitator	October	104
Sculptured bookends	October	103
Coffex coffee extractor	October	105
Oven selector switch and thermostat	October	106
Place card holders	October	108
Utility ring, stock mold	October	115
Eye cup and bottle cap, stock mold	October	115
Automatic coffee maker	November	52
Serata all purpose knife	November	53
Door chimes	November	53
Tel-a-cook automatic roaster	December	42
Silverware chest	December	42
Push button transparent salt and pepper cellars	December	43
Bookmaster, expanding rack	December	43
Steam iron	December	44
Durez silverware tray	December	44
Multi-shaker unit	December	45
Escutcheon, stock mold	December	51
Venetian blind pulls, stock mold	December	51
Shower curtains	January	40
Door chimes	January	41
Transparent letter scales	January	42
Cake, fruit and vegetable knife	January	49
Cutlery handles	January	50
"Twentieth century ice boxes"	February	29
Milk bottle pourer	February	46
Skirt marker	February	45
Kitchen utensils	February	46
Transparent tie backs	February	46
Illuminated pushbutton	March	52
Handle and mattress ventilator tube	March	53
Scrap baskets	March	53
Scoop for sugar, coffee, etc	March	54
Speed-Master vacuum cleaner nozzle	March	54
Combination salt and pepper shaker	March	55
Third dimensional pictures or photographs	March	55
Mustard spreader, stock mold	March	60
Dishes in mobile feeding unit	March	82
Book and magazine rack	April	36
Bathroom fixtures	April	46
Refrigerator parts	April	47
Nutone chime with cameo motif	April	47
Sterilon shield for nipples	April	49

HOUSEHOLD APPLIANCES (*Continued*)

	Month	Page
Light reflecting house numbers and letters	May	57
Electric iron handle	May	57
Transparent picture frames	May	62
Pepsol salt and pepper shaker	May	63
Salad sets	May	64
Adjustable measuring cup	May	64
Faucet buttons—stock mold	May	68
"Pan-handled broom"	June	41
Salt and pepper servers	June	50
Water bottle heater	June	51
Nu-tone chimes	June	55
Bab-O can holder	June	55
Filto-Kleen for water faucets	June	55
Mello-Chime	June	55
Refrigerator parts	June	55
"Molded plumbing hardware"	June	57
Shower hooks and tie backs	June	58
Vase, cigaret case and mat table items	June	58
Electric blanket unit	June	58
Super juice extractor	July	42
Moth destroyer unit	July	51
Transparent bowl for salads, fruit, etc	July	52
Breakfast table accessories	July	52
Coffee measure—stock mold	July	64
Rack for 18 spools of thread	August	37
Automatic jiffy juicer	August	40
Handles and time dials	August	40
"What's in a vacuum?"	August	42
Electric iron handle	August	51

I

INDUSTRIAL APPLICATIONS ((see also Automotive, Aircraft, Boats, Electrical Appliances)

Halo-hood dryer	September	39
Washing machine agitator	September	46
Koolite blowpipe	September	46
Monroe trimmer for medical barbering	September	48
Speed-O-Scope for draftsmen	October	50
Washing machine agitator	October	104
Nameplate of Whiting Corp	October	106
Headlight tester	November	37
Towel dispensers	November	46
Hand lantern	November	46
Viva-Glo massage master	November	52
Handwheel—stock mold	December	51
Spool covers for typewriters	February	41
Telautograph telescriber	February	45
Transparent rulers	February	47
"Plastics in strange places"—canned heat	February	51
Cruiser coach shade	March	37
Soft-face hammers	March	40
Magneto coil	March	52
Floors for freight elevators	March	54
Transparent machinery guard	June	50
Model of water meter	June	58
Arm rests for theatre sets	June	58
"Shaven and shorn" animal clippers	July	41
Industrial protective goggles	July	53
Door on fuse cutout	August	36
Permo-Chart for daily record use	August	37
"Arc-proof limiter shells"	August	38
Gear	August	40
Pulley sheave for wiring enamelling machine	August	40
Propeller type fan	August	41
Acid pump propeller	August	51

INTERIORS

"Luxury liner"	September	38
"Setting for sweets"—candy display rooms	September	50
Tourneur make-up salon	October	45
Foyer of plywood	December	27
"Building by squares"—tile	January	32
"Self-service on the avenue"	February	38
Airlines terminal	February	40
"Invading interiors"	March	49
"Lady in the dark"	April	34
"Freighter deluxe"	April	41
"Laminated luxury"—Coty salon	August	44

J

JEWELRY

"Plastic modes"	September	40
Chums—tiny animals	November	48
"It's in style"	January	36
Charm pocket pieces, miniature animals—stock mold	March	60
"Fashion frontiers"	June	46
Dress accessories	July	53

K

KNOBS

Jewelite door knob	October	47
Stock mold	December	51
Control knobs or balls—stock mold	January	52
Stock mold	February	52
Stock mold	May	68
Stock mold	June	62
Time dials for cooking appliances	August	40

L

LAMINATES

	Month	Page
"Effect of heat on phenolic laminates"	September	59
Plasdecor, new laminated material	October	54
Laminated plastic trim on airplanes	October	84
"Phenolic laminated in X-ray equipment"	December	49
"Laminates"	January	58
Laminated floors for freight elevator	March	54
"Pastel veneers"	April	42
Laminated door panels	July	61
"Laminated luxury"—Coty salon	August	44

LAMPS AND LAMP SHADES

Shellflex lamp and shade	October	64
Tri-luminar lamp for dentists	November	44
"Plastics for fluorescent lighting"	December	29
Pendant fixture	December	38
Bed lamp	January	43
Inexpensive student's lamp	January	49
Radio plus lamp	February	40
Westinghouse luminaire	February	44
Lamp finials—stock mold	May	68
Combination desk lamp, pen holder, ink well	June	54
Lamp prism pendants	July	60
Clair de lune lampshade	August	36
"Decorative accessories"	August	46

LENSES

Navigation lights	November	52
"Molding lenses"	December	36
Magnifying lens on calendar	January	50
"Plastic gas mask lenses"	April	40
"Complete plastic contact lens"	May	54
"Blackout truck lights" (lenses)	August	32

LIGHTING AND LIGHTING EQUIPMENT

"Light in the darkroom"	September	43
Fluorescent effect in Farragut theatre	October	46
Lighting for musical scores	October	63
Fluorescent unit for architectural purposes	October	65
Fluorogrill	October	66
Spotlight	October	109
Mobilite portable searchlight	October	110
"Triple threat to molars"	November	44
Plastic-lensed navigation lights	November	52
"Plastics for fluorescent lighting"	December	29
Pendant fixture	December	38
Ima litehed—flashlights	December	44
Bicycle tail light	December	48
"Luminescent and fluorescent plastics"	January	45
Semi-indirect luminaire	February	44
Illuminated typewriter platen	March	42
"Invading interiors"	March	49
Illuminated pushbutton	March	52
Miro-flare—highway flare	April	38
Tul-lite	April	46
Indicating glow starter for fluorescent light	July	52
Delta bike lights	July	52
"Blackout truck lights"	August	32
One-piece diffusers for fluorescent lighting	August	41
"New light on an old problem" translucent reflectors	August	49

M

MACHINERY AND EQUIPMENT (except Presses)

Reed bench drill	September	78
Shriver filter press	September	78
Economy shop lifter	September	78
Small-size geared-type limit switch	September	78
Royle heating and circulating system	September	78
Compact bench-type grinder	September	78
Hogs, chippers and shredders	September	78
High-speed rotary hot stamping press	September	80
Abbe-Lenart multi-processing unit	September	80
Cam blanks	September	80
Explosimeter	September	80
Shaft and arc chute for magnetic switch	October	67
Furnisher brushes	October	69
Hot stamping equipment	October	144
Automatic deaerating and equalizing system	October	144
Photoswitch electronic timer	October	144
High speed end milling machine	October	144
Double ribbon mixing machine	October	168
Polishing lathe with overhanging spindle	October	168
Motor-driven hydraulic pump	October	168
D-C motors by General Electric	November	74
Markem trademarking machine	November	74
Tire spreaders and hydraulic spreaders	November	74
Nozzle for pump	December	38
"Phenolic-asbestos plant equipment"	December	53
Carbon brushes	December	70
Atlas bench machine	December	70
Milling machine and die sinking machine	December	70
Colloid mill with triple processing action	January	76
Photoswitch electronic level control	January	76
Speed case, open hearth steel plate	January	76
Durakool new mercury switches	January	76
Automatic vertical reversing tapping machine	January	100
New series "S" toolroom lathe	February	70
Thermalamp ovens for infra-red baking	February	70
Polishing and buffing lathe	February	70
Sierra flashlight bulb extension	February	70
Tri-Clad polyphase induction motors	February	70
Electron microscope to develop new chemicals	February	72

MACHINERY AND EQUIPMENT (except presses) (*Continued*)

	Month	Page
National Rubber Co. improved extruder	March	78
Surface plates	March	78
Round-Tex round belting	March	78
Floor type grinding machine	March	78
High pressure die casting machine	March	78
Improved turret lathe	March	78
Bench-type grinding machine	March	80
Fray all-angle milling machine	March	80
Drafto drafting machine	March	80
Roan end mill grinding fixture	March	80
Reciproc oscillating mechanism	March	80
High speed second operation machine	March	80
"Plastic models"	April	27
Hydraulic elevating table	April	70
Miniature mixing mill	April	70
Attachment for speeds for drill presses	April	72
Research model Taber abraser	April	72
Tilting Arbor circular saw	April	72
Universal slotting head	April	72
Ideal scrap grinder	May	90
Speedmatic saw	May	90
Unit for applying bronze lacquer to closures	May	90
Stacking device for dumping of drums, etc.	May	92
Bowen spray-dryer	May	92
Continuous length divisional conduit	May	96
Swing tool room precision lathe	June	78
Tapping machine	June	78
Band saw disk wheel	July	58
Adjusting tanks for scaling purposes	August	76
Marvel saws	August	76
Buttondex automatic button broach machine	August	76
Photoswitch photoelectric inspection and registration control	August	76
Visi-draft draft gage	August	76
Falcon electric immersion booster heater	August	76
Westinghouse radiant heat drying lamps	August	76

MATERIALS

Transparent resins for hair dryers	September	39
"Effect of heat on phenolic laminates"	September	59
"Synthetic resin emulsions"	September	63
Optically clear plastics defined	September	82
Availability of alcohols as lubricants	September	84
Metalon process for metalizing plastics	September	84
Plasdecor, new laminated plastic	October	54
Elasti-glass for belts, etc.	October	80
Exylin for wearing apparel	October	82
Fyber-Tech panel material	October	110
"Sorption of water by plastics"	October	119
"Plastics versus corrosion"	October	124
"A.S.T.M. test for water absorption"	October	128
Dependence on foreign sources for Thiourea eliminated	October	148
Picollyte resins, and colored coumarone indene resins	October	148
Exton assigned to Weco Products	October	172
"Continuous length extrusion"	November	48
"Curing phenol resins with metal chlorides"	November	59
"Manufacture of synthetic phenol"	November	62
"Thermal efficiency in injection molding"	November	65
Shells of cashew nuts processed for resin	November	80
Phenolic asbestos for plant equipment	December	53
"A.S.T.M. method for flow temperatures"	December	58
"Flow temperature of thermoplastics"	December	59
Gem-cote	December	74
Nypene, terpene polymer resin	December	74
Valdura floor sealer	December	74
"Plastic-plywood"	January	27
"Urea resin adhesives"	January	44
"Advances in plastics during 1940"	January	53
"Phenolic resin bonded airplane"	January	64
Durez 1910—high impact phenolic molding compound	January	78
"Patching defective lumber"	February	39
"Plastics in strange places"	February	51
"Polyvinyl alcohol plastics"	February	53
"Molecular weight and solubility of paratoluene sulfonamide-formaldehyde resins"	February	57
"Relieving the metal bottleneck"	March	35
"Molding resin-treated paper"	March	39
"New mica resin molding compound developed by TVA"	March	61
"Films and plastics from starch"	March	64
Paste for fastening labels to plastics, etc.	March	84
Hevealac for high finish on rubbers	March	84
Sulfatate eliminates creep of water colors	March	84
"Impact molding materials"	April	40
"Pastel veneers"	April	42
"Toying with nitrocellulose"	April	45
"Aircraft plywood and adhesives"	April	53
"Flammability of plastic sheets and films"	April	59
"A.S.T.M. flammability test"	April	62
New adhesive for plywood—Uformite CB-550	April	102
"Soybeans in plastics"	May	69
"Plasticity of molding compounds"	May	72
"Plastics at St. Louis A.C.S. meeting"	May	75
Durez 775 phenolic molding compound	May	96
Plasticizer C-24	May	96
"Acrylics in aircraft"	June	43
"Process anneals of mold steels"	June	63
"Phenolic with cottonseed hulls"	June	68
"Melamine and its derivatives"	July	39
"Dimensional changes of plastics in boiling water"	July	39
"Fiberglas—plastic combinations"	July	69
"Stylo-plastic" for signs and lettering	July	82
"Evaluation of resinous flow"	August	57
"Reinforcement with sisal"	August	63
"Odor-taste test of phenolic closures"	August	65
Loalin, new Catalin polystyrene	August	78
Formvar, transparent plastic resin used on snowflakes	August	80

MEETINGS AND SYMPOSIUMS

	Month	Page
Fall session of SPI announced	September	82
"Plastics at Detroit A.C.S. meeting"	October	130
Symposium at Lehigh University, October 25	October	148
Technical meetings sponsored by Bakelite Corp.	October	148
SPI fall meeting in Pennsylvania	November	76
Broadcast on New Wonders of Chemistry	November	80
American Society of Mechanical Engineers meeting announced	November	80
Symposium on plastics at Lehigh University	December	72
Society of Chemical Industry meeting, Nov. 15	December	72
American Society of Mechanical Engineers meeting announced	December	74
National Chemical Exposition and Industrial Chemical Conference, Chicago, Dec. 11–15	December	74
ASME subdivision on Rubber and Plastics meeting	January	78
American Chemical Society New York meeting	January	78
SPI arranging technical conference	February	74
A.S.T.M. technical symposiums	March	82
"Chemurgy in Defense—and Beyond" Conference of National Farm Chemurgic Council	March	82
"Pioneering in Plastics" illustrated lecture at Decorators Club	March	82
Group discussions on plastics, showing "The Magic of Modern Plastics"	March	82
Association of National Advertisers announces spring and fall meeting dates	March	84
Plans for SPI meeting at Hot Springs	April	74
"Plastics at St. Louis A.C.S. meeting"	May	75
Montreal Rubber and Plastics group formed	May	94
Plastics Materials Mfrs. Assn. formed	May	94
Plastics forum at Packaging Conference, A.M.A.	May	94
American Designers Institute meeting discuss plastics	May	94
"SPI meets at Hot Springs"	June	56
American Society of Mechanical Engineers announce June meeting	June	82
Cleveland and Chicago meetings of National Assn. of Purchasing Agents	July	82
"Report of A.S.T.M. Committee D-20"	August	62

MODELS

"Plastic models"	April	27
Plexiglas demonstration beer dispenser	June	57
Plexiglas model Trident Water meter	June	58
"Miniature models plan a room"	July	49

MODERN PLASTICS ANNUAL COMPETITION

"Fifth Annual Modern Plastics Competition—1940"	October	41
Award winners	October	45
Exhibit of Competition entries	October	88
Index of achievement	October	90
Honorable mentions	October	101
Presentation dinner, Fifth competition	November	40
Announcing Sixth Annual Competition	May	51

MOLDING

"History of plastics and their uses"	September	64
"Thermal efficiency in injection molding"	November	65
"Molding lenses"	December	36
"A.S.T.M. method for flow temperatures"	December	58
"Flow temperature of thermoplastics"	December	59
"Molded modulation recordings"	February	36
"Molding resin-treated paper"	March	39
"New mica-resin molding compound developed by TVA"	March	61
"Vacuum technique in molding"	March	66
"Impact molding materials"	March	40
"Plasticity of molding compounds"	May	72
"Process anneals of mold steels"	June	63
"Phenolic with cottonseed hulls"	June	68
"Arc-proof limiter shells"—cold molded plastic	August	38
"What's in a vacuum?"	August	42
"Reinforcement with sisal"	August	63

MOLDS

"Controlling mold closing"	December	50
"Electroforming molds"	April	31
"Improved design for injection molds"	May	77
"Art objects in rubber molds"	June	38
"Blackout truck lights"	August	32

MUSICAL INSTRUMENTS

Lighting for musical scores	October	63
Harmonica	October	79
Toy bugle	October	110
Plexiglas supports for Wurlitzer piano	November	52
Musical reed	December	39
Coin record playing machine	December	39
Band instruments with illuminated rods	January	40
"Molded modulation recordings"—phonograph records	February	36
"Symphony at home"—Solovox piano attachment	February	50
Phonograph attachment	May	58
Dushkin recorder—mouth instrument	June	55
"Playing up a market" (toy bugle)	July	43
Phonograph tone arm	July	59

N

NOVELTIES	Month	Page
"Plastic modes"—belts, jewelry, etc.	September	40
Plastacele greeting cards	September	47
Lucite star for Christmas ornamentation	September	47
Miro-Lip purse mirror and lipstick	September	47
Three-dimensional greeting cards	October	72
Elasti-glass belts	October	80
Spun glass cord shoes, belts, bracelets	October	110
Chums—jewelry items	November	48
Three-dimensional Christmas cards	December	42
Kit of Monsanto plastics	December	44
Baby's shoes as book ends	December	44
"It's in style"—belts, compacts, etc.	January	36
Glowing gardenia	January	45
Grippit, gadget to hold hat, gloves, etc.	January	50
Skirt marker	February	45
"Plastics in strange places"—waterproof matches	February	51
Automatic leash	March	41
Tinkle tab for drinks	March	52
Blackboard eraser	March	52
Cocktail stirrer or pick	March	55
Receptacle for beer scrapes or ice cream scoops	March	55
Stock molds	March	60
"Plastic models"—hangers	April	27
Auto club emblems	April	47
Kamoflage comb and nail file	April	48
Seeclear Fotofolio album	April	48
Automatic dog leash	April	49
Confucius figure	May	58
Coin bank	May	63
Back scratcher	May	63
Business cards	May	63
Key chain with hats	May	64
Automatic curler	June	58
"Art objects in rubber molds"	July	38
Car key on bracelet	July	50
Coin bank in form of refrigerator	July	52
Perfume case in form of radio cabinet	July	52
Vases and bases—stock molds	July	64
"Decorative accessories"	August	46

O

OFFICE EQUIPMENT		
Executive deskit	September	49
Speed-O-Scope for tracing lines	October	50
Autodex for telephone numbers; Thermodex room thermometer, paper weight and fountain pen holder; Rollodex, dispenser for scrap paper	October	102
Pencilite	November	53
Chalk crayons in Vuepak container	January	49
Electrically driven pencil sharpener	January	42
Letter scales	January	42
Memo date pad combination	January	48
Jot-It calendar memo pad and tray	January	49
Memokit, 4 compartments under pad	January	50
Calendar with magnifying pad	January	50
Bostitch stapler	January	51
Typewriter spool covers	February	41
Telautograph telescriber	February	45
Transparent ruler	February	47
Illuminated typewriter platen	March	42
Card duplicator	March	43
Note Master memo pads with rubber suction cups	March	52
Mechanical repeating pencil	March	52
Wind-O-File visible record line	March	53
Scrap baskets	March	53
Cover for looseleaf books	May	64
Letter openers—stock molds	May	68
"Quality rings up sales"	June	39
Combination desk lamp, pen holder, ink well and tray	June	54
Aceliner stapler	July	50
Transparent mail chute	July	51
Permo-chart for daily record	August	37
Tab indexes for drawer and folder files	August	40
Pocket tape dispenser	August	40

P

PATENTS		
U. S. plastics patents	September	70
U. S. plastics patents	October	134
Foreign plastics patents	October	136
U. S. plastics patents	November	70
U. S. plastics patents	December	64
"Advances in plastics during 1940"	January	53
U. S. plastics patents	January	68
"Plastics in strange places"	February	51
U. S. plastics patents	February	62
U. S. plastics patents	March	70
Foreign plastics patents	March	74
U. S. plastics patents	April	66
U. S. plastics patents	May	80
Foreign plastics patents	May	86
U. S. plastics patents	June	72
U. S. plastics patents	July	74
U. S. plastics patents	August	68

PENS AND WRITING EQUIPMENT		
Sheaffer fountain pen stand	October	102
Thermodex (fountain pen holder, etc.)	October	102
Pencilite for writing in dark	November	53
Crayons with Vuepak covering	January	49
Eversharp pen and pencil	January	50
Mechanical repeating pencil	March	52
"Plastic models"—inkstand, pen and pencil set	April	27

PENS AND WRITING EQUIPMENT (*Continued*)	Month	Page
Gee-Jay ink containers	April	46
Parker "51" pen	June	54
Combination pen holder, desk lamp, ink well and tray	June	54
Sheaffer's Dry-Proof desk set	June	59
Robinson pen and ink set	July	53
Esterbrook single and double pen sets	August	37

PHOTOGRAPHIC		
Illumination for photographic darkroom	September	43
Monsanto polystyrene funnels	September	47
Semi-transparent printing masks	September	48
"Sunshade and adapter"	September	55
Portable sound movie projector—Movie Mite	October	75
Twin-lens reflex camera	October	108
Vokar slide projector	December	42
Meteor-Flash synchronizer for light effects	January	43
Photrix print washer	February	46
Third dimensional photographs	March	55
Photographic enlarger	April	36
Miniature film viewer—Tru-Vue	April	39
"Darkroom light filters"	May	60
Projector viewer	June	51
Graduates and funnels	July	53

PLANT EQUIPMENT (see Machinery and Equipment, Presses)

PLANTS		
Bakelite starting new plant	September	82
HPM new plant	September	82
"Manufacture of synthetic phenol"—Durez plant	November	62
Monsanto planning construction at Detroit	November	78
Air Associates, Inc., opens new plant at Bendix	November	78
Du Pont reports second plant for nylon	November	78
Martin Electric Co. adding to plant	November	78
Neoplastics plant soon to be completed	November	78
F. W. Wakefield Brass Co. doubling plant	November	80
Glyco building new divisions	December	72
Doall Saws new factory	December	72
Union Carbide and Carbon new Bakelite plant	December	74
Du Pont adding to Neoprene plant	December	74
General Electric announces plant expansion	January	76
Goodyear constructing plant for Chemigum	January	78
Metaplast Corporation moving plant	January	78
Hydraulic Press Mfg. Co. plant increase	January	82
Reed Prentice contracting for plant expansion	February	74
American Cyanamid Co. complete new additions	February	74
Röhm & Haas building West Coast plant	April	74
G-E opening fifth plant	April	74
F. J. Stokes increase plant space 50 percent	May	94
Michigan Molded Plastics adding to plant	May	94
Monsanto opens new plant at Springfield	June	80
Du Pont Neoprene plant at Louisville	July	82
B. F. Goodrich Co. planning Koroseal plant	July	82
R. H. Freitag Co. adding to plant	August	80
Masonite Corp. expanding plant	August	82

PREMIUMS		
Stock mold items	September	57
Chums—miniature animals	November	48
Memokit—4 compartments under pad	January	50
Stock mold items	March	60
Tongue depressors as premium	May	63
Key chains	May	65
Carnu premium of key bracelet	July	50

PRESSES		
Shriver filter press	September	78
High speed rotary hot stamping press	September	80
Hydraulic and mechanical actuated press equipment—Taber	November	74
Press for shearing in of punches and dies	January	76
Lester 8-oz. vertical injection machine	January	76
Sectional drill press	January	76
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HPM single nozzle injection molding press	May	90
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Fleming bilge pump for boats	October	99
Nozzle on pump	December	38
Warren duplex hydraulic pump	January	100
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Milton Roy pump for dilute acids, etc.	June	78
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G-E camera-type radio	December	45
Ivory ures Radio Products radio	January	50
Radio plus lamp	February	40
Fada streamliner radio	February	44
Pilot table model radio	February	46
"One-shot radio housing"	March	44
Automatic foulproof antenna reel	April	46
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Sonora superhet radio	April	49
Arvin radio	May	64
Sonora table radio	May	64
De Wald radio in contrasting colors	July	50
Crosley Glamor-Tone radio	July	50
Radio crystal holders	July	53
Midget Espey radio	August	37

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"Refrigeration efficiency"—door frames and rails	September	44
Refrigerator door frames and rails	October	70
"Twentieth century ice boxes"	February	29
Refrigerator parts	April	47
Westinghouse refrigerator parts	June	55

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Resin-bonded plywood structural material	October	86
"Plastic plywood"	January	27
"Urea resin adhesives"	January	44
"Phenolic resin bonded airplane"	January	64
"Superwalls speed building"	March	38
"Invading interiors" (walls)	March	48
"Aircraft plywood and adhesives"	April	53
Airplane propeller blade	April	47

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SAFETY GLASS

"Evolution of safety glass"	June	31

SCIENTIFIC APPLICATIONS

Surgical dilators for cows	September	46
Midget vacuum-tube hearing aid	September	47
Infantometer	September	48
Hearing aid	September	49
Diathermizer—breathing aid	September	54
Transparent laboratory unit	October	74
Custom made arch support	October	76
Diathermizer	October	108
"Triple threat to molars" lighting for dentists	November	44
"Duraton" hearing aid	December	45
"Phenolic laminated in X-ray equipment"	December	49
Telex hearing aid	January	49
Sterilizer for china and silver in restaurants, etc.	February	41
"Breathe easily" respirator lung	February	42
Mounting biological specimens	February	45
"Plastics in strange places"	February	51
Giant sterilizer for hairdressing shop	March	43
"Complete plastic dentures"	March	45
"Plastic models"—of glass atomizer	April	27
"Complete plastic contact lens"	May	54
"Medical demonstration torso"	May	61
Tongue depressors	May	63
Water bottle heater	June	51
Automatic electric blanket—heating unit	June	58
Wolverine ear guards for wrestlers	July	50
Bug deflector for cars	July	53
Nasal pack	July	59
Undersea air trap	July	61
Liquid battery case for hearing aid	August	50
Plastic snowflake preservative	August	80

SHAVING EQUIPMENT

Monroe trimmer for medical barbering	September	48
Schick Shavers	October	73
Mixers for lather—Barsope	October	106
Cooper Carryall shaver ensemble	November	48
Electric Speedster shaver	January	48
Hand turned brush handles	February	46
Shaving brush, man-sized grip	March	55
Razor knife—stock mold	March	60
"Plastic models"—container for razor heads	April	27
Sani-Soap lather dispenser	April	37
Re-use razor case	May	59
Palm-sized razor	August	53

SHOES

Cotacord, Vinylite shoes, Plexiglas heels	September	40
Arch supports	October	76
Shoes with uppers of sheet plastic	October	81
Spun glass cord shoes, belts, etc.	October	110
Baby's shoes preserved in plastic	December	44

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Neon sign frame (Eichler's)	May	59
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Lumarith cigaret humidor	September	46
Ash tray—stock mold	October	115
Pipe stems or cigaret holders—stock mold forms	November	57
Transparent grooved cigaret case	December	43
Cigaret case for king or regular cigarets, transparent	January	48
Card box can be used as cigaret box	January	50
Cigaret lighter—"Electroforming molds"	April	31
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Coaster-ash tray designed in bridge deck	May	56
Ashtrays with 2 deep rests	May	62
Phoenix-American pipe	June	55
Table cigaret case	June	57
Transparent cigaret case with 20 compartments	August	37

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"Soybeans in plastics"	May	69

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"Relieving the metal bottleneck" (gunstock)	March	35
Plastic lined baseball cap	May	64
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"Plastic materials census data: 1939"	November	56
Preliminary figures, 1939 Census of Manufacturers	January	80
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"Growth of Plastics"	May	50
"Plastics statistics for 1940"	July	71

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Ash tray, combination eye cup and bottle cap, coaster, utility ring, dispenser jar or bottle cap	October	115
Cast resin forms for pipe bits or cigaret holders	November	57
Escutcheon, bushing, handwheel, football cleat, knobs, venetian blind pulls	December	51
Control knobs and balls, lever handle, bar knob, selector knobs, binding post nut	January	52
Handles, cosmetic containers, knob	February	52
Flashlights, charm pocket pieces, hotel return key tag, mustard spreader, razor and blade extension knives, key holder, miniature animals, highball muddlers	March	60
Bottle closures	April	52
Door handles, cone-shaped knob, ball handle, faucet buttons, small knobs, letter openers, fixture and lamp finials	May	68
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It is fitting that plastics should have matured in a period of crisis—and should have proved their basic utility in National Defense. And it is equally fitting that this index to volume 18 of Modern Plastics should outline this new phase of plastics history.

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